Quantitation Report (Qedit)

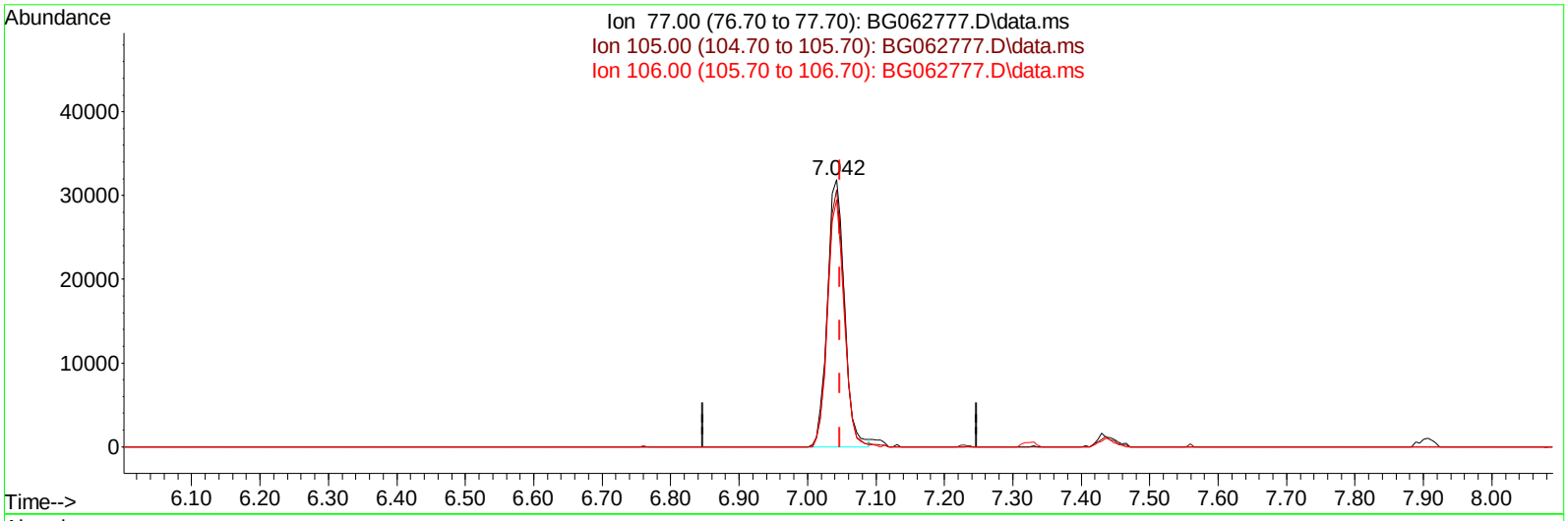
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091224\
Data File : BG062777.D
Acq On : 13 Sep 2024 00:54
Operator : JU/RC
Sample : PB163313BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

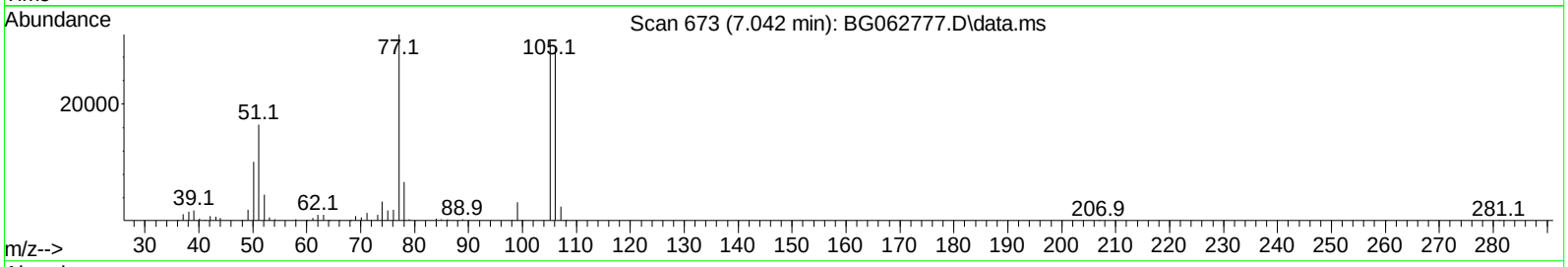
Quant Time: Sep 13 02:14:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 01:28:17 2024
Response via : Initial Calibration

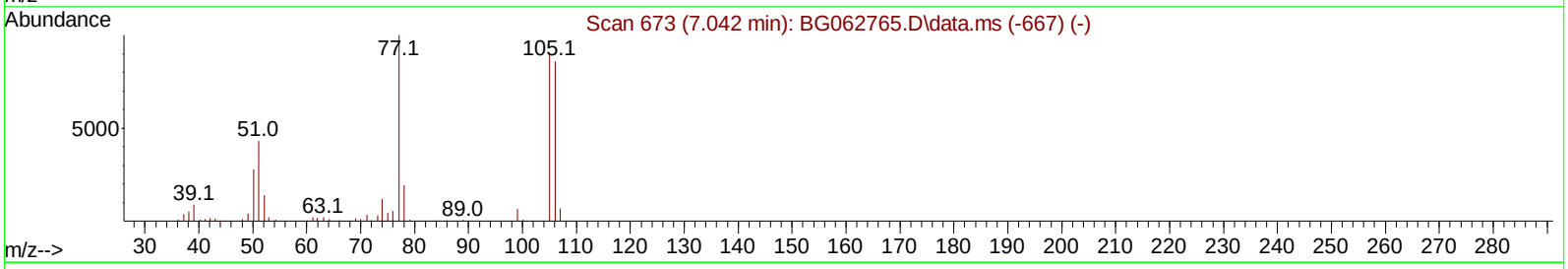
Instrument :
BNA_G
ClientSampleId :
SLCS313

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/13/2024
Supervised By :mohammad ahmed 09/14/2024







TIC: BG062777.D\data.ms

(6) Benzaldehyde

7.042min (-0.005) 23.73 ng/ul

response 55110

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	98.70	96.39
106.00	86.30	92.52
0.00	0.00	0.00

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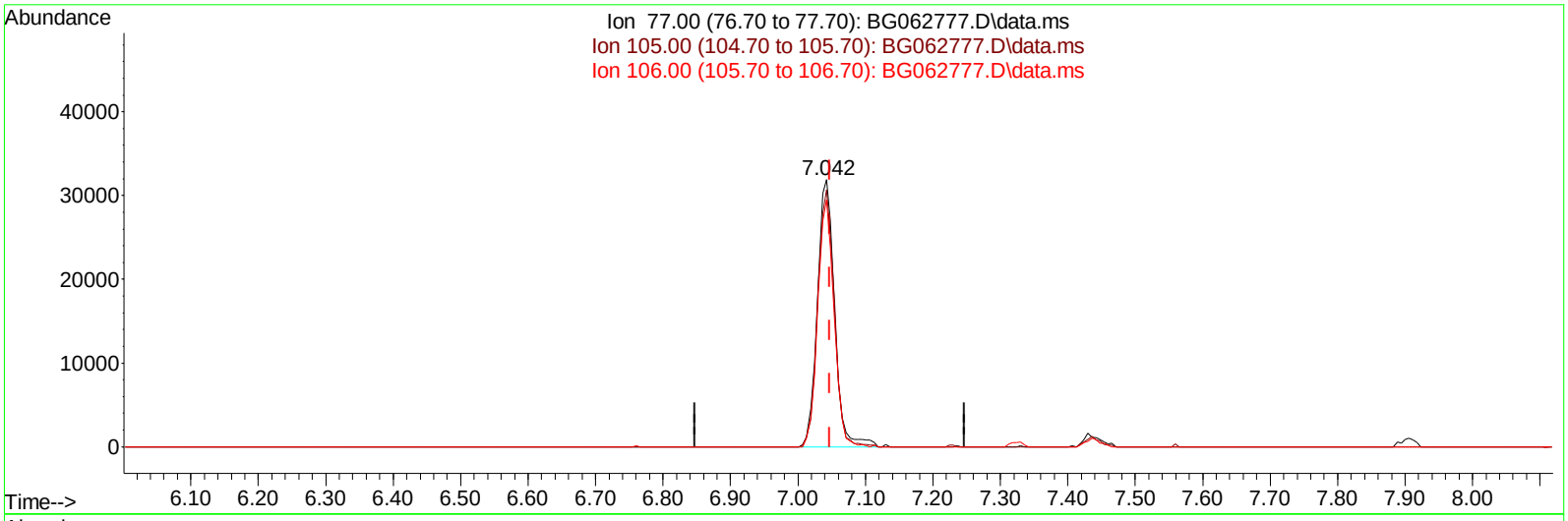

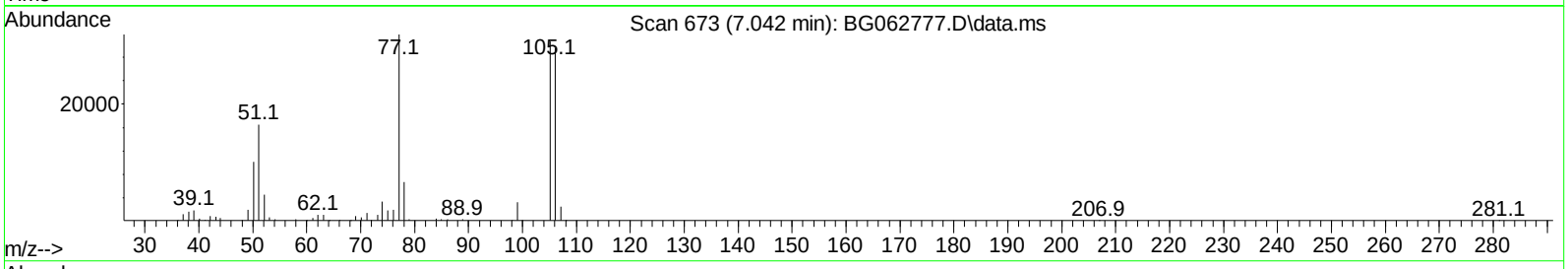

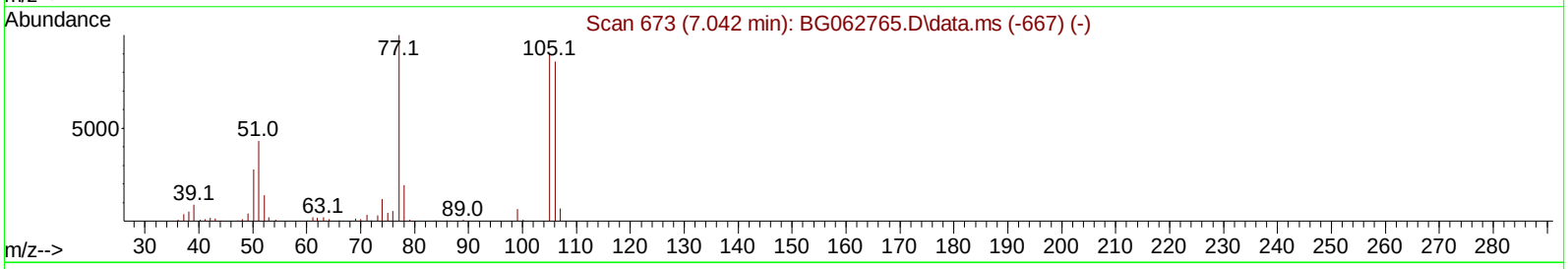

TIC: BG062777.D\data.ms

(6) Benzaldehyde

7.042min (-0.005) 24.18 ng/ul m

response 56164

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	98.70	96.39
106.00	86.30	92.52
0.00	0.00	0.00

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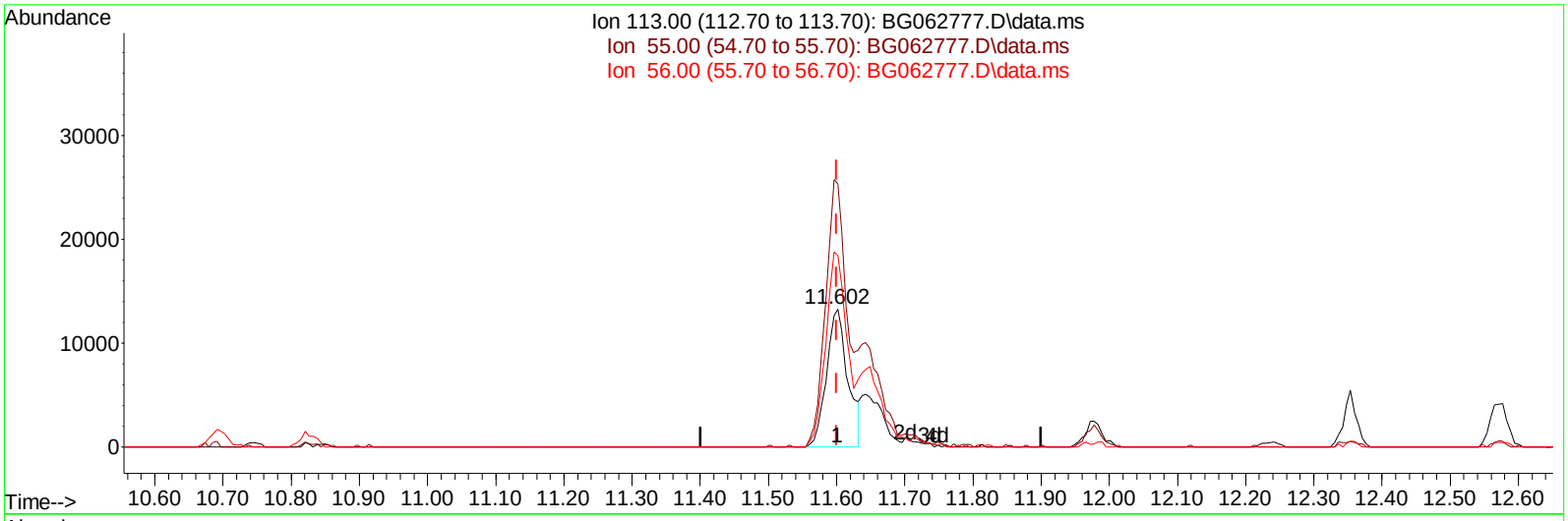

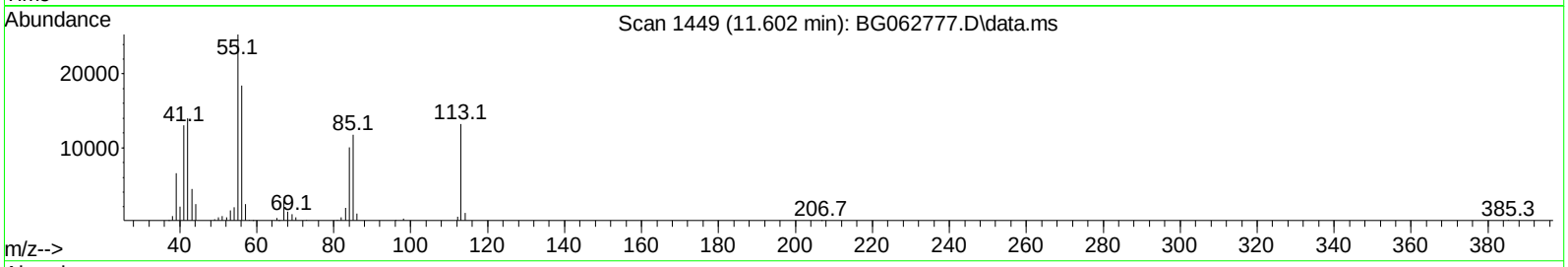

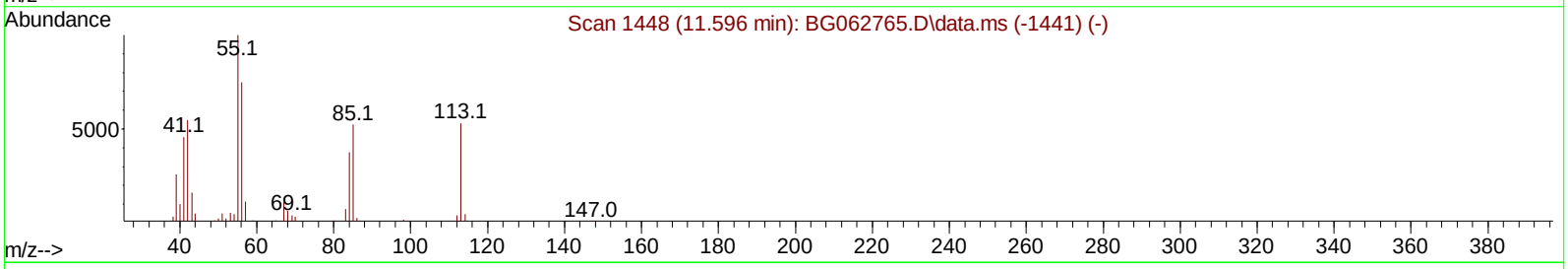

TIC: BG062777.D\data.ms

(34) Caprolactam

11.602min (+ 0.001) 19.43 ng/ul

response 28630

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	188.50	191.11
56.00	156.30	138.88
0.00	0.00	0.00

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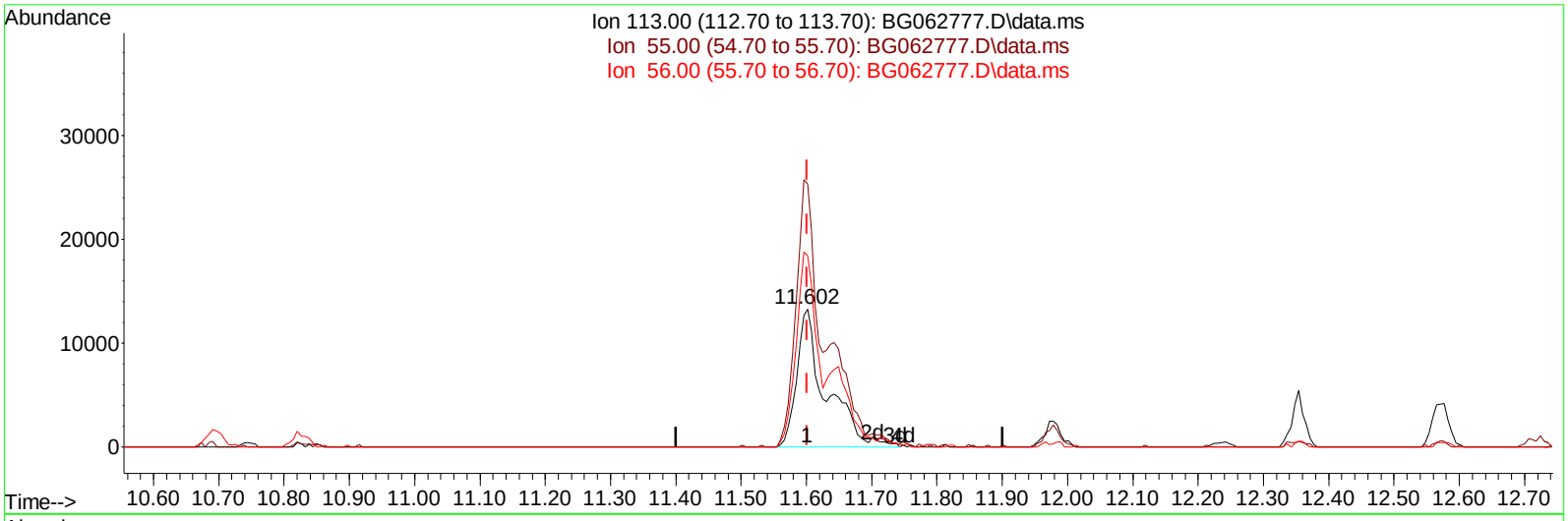

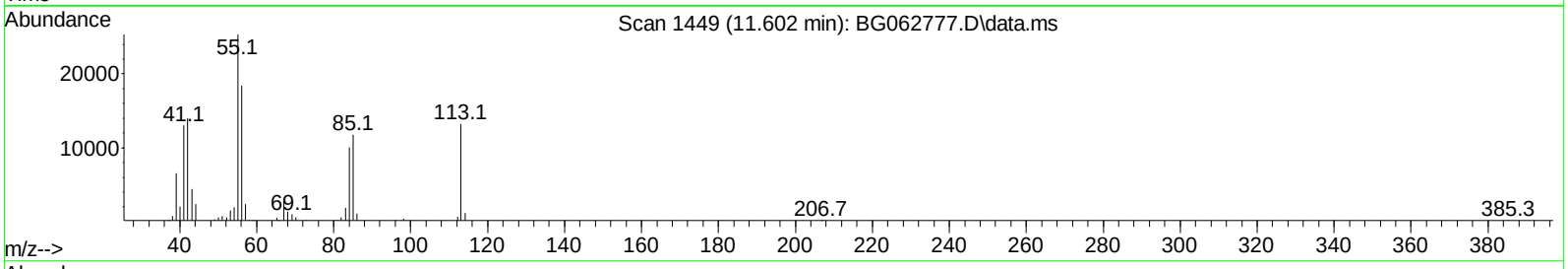

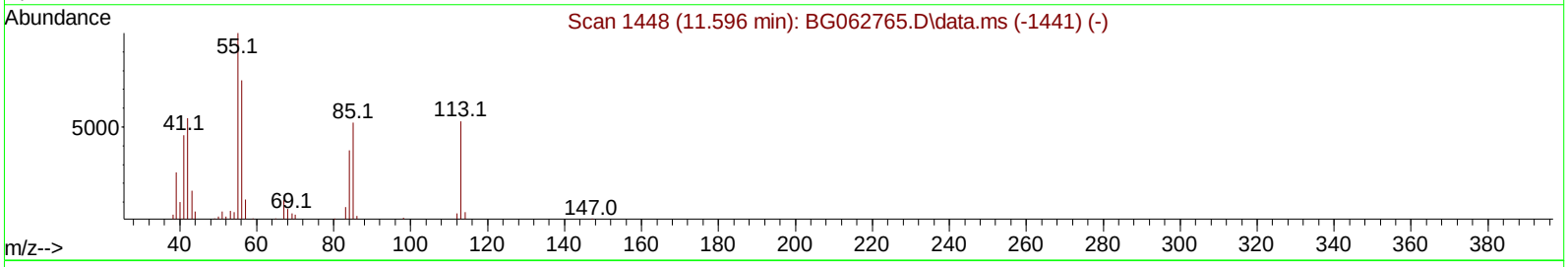

TIC: BG062777.D\data.ms

(34) Caprolactam

11.602min (+ 0.001) 27.93 ng/ul m

response 41154

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	188.50	191.11
56.00	156.30	138.88
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.906	152	48172	20.000	ng/ul	0.00
20) Naphthalene-d8	10.697	136	238485	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.528	164	201224	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.277	188	529586	20.000	ng/ul	0.00
79) Chrysene-d12	21.525	240	560417	20.000	ng/ul	0.00
88) Perylene-d12	24.581	264	625888	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	8630	8.098	ng/uL	0.00
4) Pyridine-d5	3.764	84	106956	31.530	ng/ul	0.00
7) Phenol-d5	7.072	99	121506	28.765	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.230	67	69516	27.449	ng/ul	0.00
11) 2-Chlorophenol-d4	7.436	132	91212	29.645	ng/ul	0.00
15) 4-Methylphenol-d8	8.605	113	102996	29.260	ng/ul	0.00
21) Nitrobenzene-d5	9.052	128	49139	28.829	ng/ul	0.00
24) 2-Nitrophenol-d4	9.780	143	59173	31.743	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.315	165	127328	31.365	ng/ul	0.00
31) 4-Chloroaniline-d4	10.826	131	144654	25.923	ng/ul	0.00
46) Dimethylphthalate-d6	13.934	166	447720	28.893	ng/ul	0.00
49) Acenaphthylene-d8	14.222	160	516032	29.985	ng/ul	0.00
54) 4-Nitrophenol-d4	14.733	143	81605	31.001	ng/ul	0.00
60) Fluorene-d10	15.526	176	419127	30.016	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.644	200	93495	30.692	ng/ul	0.00
73) Anthracene-d10	17.371	188	748168	29.935	ng/ul	0.00
81) Pyrene-d10	19.663	212	974792	30.910	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.375	264	997481	30.182	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.394	88	15203	12.729	ng/uL#	93
5) Pyridine	3.781	79	110016	30.921	ng/ul	98
6) Benzaldehyde	7.042	77	56164m	24.183	ng/ul	
8) Phenol	7.095	94	126885	28.896	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.324	93	90666	27.314	ng/ul	98
12) 2-Chlorophenol	7.465	128	100866	32.062	ng/ul	95
13) 2-Methylphenol	8.341	108	98724	29.983	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.423	45	161445	27.022	ng/ul	97
16) Acetophenone	8.717	105	161052	28.150	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.705	70	84681	28.275	ng/ul#	94
18) 4-Methylphenol	8.670	108	107425	28.999	ng/ul	95
19) Hexachloroethane	8.981	117	39492	31.183	ng/ul	96
22) Nitrobenzene	9.099	77	126621	27.460	ng/ul	93
23) Isophorone	9.622	82	260887	27.674	ng/ul	98
25) 2-Nitrophenol	9.810	139	61273	29.823	ng/ul	97
26) 2,4-Dimethylphenol	9.868	107	107766	24.547	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.103	93	153820	29.196	ng/ul	96
29) 2,4-Dichlorophenol	10.344	162	125404	31.363	ng/ul	98
30) Naphthalene	10.744	128	376812	29.468	ng/ul	98
32) 4-Chloroaniline	10.850	127	132304	23.840	ng/ul	99
33) Hexachlorobutadiene	11.038	225	103461	31.061	ng/ul	93
34) Caprolactam	11.602	113	41154m	27.927	ng/ul	
35) 4-Chloro-3-methylphenol	11.978	107	133675	30.647	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.354	142	286288	30.335	ng/ul	99
37) 1-Methylnaphthalene	12.571	142	294156	30.429	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.724	216	208491	30.138	ng/ul	98
40) Hexachlorocyclopentadiene	12.700	237	71019	20.064	ng/ul	100
41) 2,4,6-Trichlorophenol	12.959	196	112242	26.787	ng/ul	97
42) 2,4,5-Trichlorophenol	13.035	196	130020	28.900	ng/ul	94
43) 1,1'-Biphenyl	13.364	154	415837	29.387	ng/ul	99
44) 2-Chloronaphthalene	13.405	162	345251	30.005	ng/ul	100
45) 2-Nitroaniline	13.605	65	97295	30.815	ng/ul	99
47) Dimethylphthalate	13.981	163	459270	28.780	ng/ul	99
48) 2,6-Dinitrotoluene	14.105	165	90866	32.320	ng/ul	95
50) Acenaphthylene	14.252	152	557517	30.685	ng/ul	99
51) 3-Nitroaniline	14.434	138	89681	31.861	ng/ul	98
52) Acenaphthene	14.592	153	372640	28.954	ng/ul	98
53) 2,4-Dinitrophenol	14.639	184	48399	26.070	ng/ul	93
55) 4-Nitrophenol	14.745	109	69972	29.572	ng/ul	99
56) Dibenzofuran	14.927	168	552131	28.879	ng/ul	100
57) 2,4-Dinitrotoluene	14.892	165	137950	31.383	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.156	232	109918	24.109	ng/ul	96
59) Diethylphthalate	15.350	149	455353	28.925	ng/ul	99
61) Fluorene	15.579	166	449339	29.918	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.573	204	265517	30.138	ng/ul	98
63) 4-Nitroaniline	15.597	138	102694	33.904	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.656	198	97108	30.753	ng/ul	96
67) N-Nitrosodiphenylamine	15.785	169	403763	29.728	ng/ul	99
68) 4-Bromophenyl-phenylether	16.467	248	188324	30.903	ng/ul	97
69) Hexachlorobenzene	16.584	284	211294	30.367	ng/ul	97
70) Atrazine	16.731	200	4304	0.712	ng/ul#	86
71) Pentachlorophenol	16.931	266	70318	16.896	ng/ul	92
72) Phenanthrene	17.319	178	836680	30.380	ng/ul	100
74) Anthracene	17.407	178	842081	29.993	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.329	216	211212	29.204	ng/ul	99
76) Pentachlorobenzene	14.851	250	227658	28.407	ng/ul	97
77) Carbazole	17.677	167	728608	31.294	ng/ul	98
78) Di-n-butylphthalate	18.241	149	862645	31.329	ng/ul	99
80) Fluoranthene	19.328	202	1087624	31.140	ng/ul	99
82) Pyrene	19.692	202	1147836	30.530	ng/ul	99
83) Butylbenzylphthalate	20.585	149	378663	33.927	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.425	252	387458	32.839	ng/ul	98
85) Benzo(a)anthracene	21.502	228	1200646	30.804	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.420	149	543332	33.061	ng/ul	99
87) Chrysene	21.566	228	1124744	30.417	ng/ul	99
89) Di-n-octyl phthalate	22.577	149	942424	32.371	ng/ul	100
90) Benzo(b)fluoranthene	23.617	252	1181343	30.571	ng/ul	98
91) Benzo(k)fluoranthene	23.682	252	1217405	30.767	ng/ul	99
93) Benzo(a)pyrene	24.440	252	1063023	29.165	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.035	276	1388246	30.914	ng/ul	97
95) Dibenzo(a,h)anthracene	28.100	278	1160775	32.180	ng/ul	99
96) Benzo(g,h,i)perylene	29.111	276	1091040	31.457	ng/ul	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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